

ABSTRACT

When an object contains a plenty of edge components such as a forest, the image having the highest total of differentiation values of the luminance value may not be an image focused on what is intended by a person who is performing imaging. Moreover, when the point to be focused is unclear, there is no principle for deciding which of the focusing lens positions obtained from the image of a large-frame area is to be employed. For this, there is provided a device for controlling an imaging lens position for holding information on high-frequency components distribution at the candidate focus lens positions and selecting information which is considered to have the optimal distribution among the plurality of distribution information, thereby controlling the focus lens position for imaging. Moreover, the device for controlling an imaging lens position can improve the processing accuracy for focusing and reduce the processing load by making the focus lens position focused according to a small-frame area reference as an imaging lens position.